

AMENDMENTS TO THE CLAIMS

Claims 1-45 (Canceled)

46. (Currently Amended) The coating material of claim [[44]] 47, wherein said ratio is approximately 1.28:1.

47. (Previously Presented) A coating material for application to a substrate of a reflector for a radiant energy transducer system, the coating material exhibiting a diffuse reflective characteristic, a high reflectivity to radiant energy and a high stability when exposed to relatively high temperatures, the coating material comprising:

- (a) a pigment comprising a predominant proportion of uncalcined zinc-oxide;
- (b) an alkali metal silicate vehicle-binder; and
- (c) sufficient water to provide a mixture suitable for application to the substrate of the reflector,

wherein the ratio of weight of the pigment to weight of the vehicle-binder in the coating is between 1.15:1 and 1.41:1, and

the pigment contains 1/2% by weight of propionic acid.

48. (Currently Amended) A diffusely reflective water soluble paint, comprising:

- (a) a pigment consisting essentially of uncalcined zinc-oxide pigment and a dispersing agent 1/2% by weight of propionic acid;
- (b) a potassium silicate vehicle-binder; and
- (c) sufficient water to provide a mixture suitable for application to a substrate,

wherein the ratio of weight of the pigment to weight of the vehicle binder in the water soluble paint is between 1.15:1 and 1.41:1.

49. (Original) The paint of claim 48, wherein said ratio is approximately 1.28:1.

50. (Canceled)